

A	AT
AB	AMPERES
AC	ANCHOR BOLT
ACA	ACRE
ADA	ASPHALT CONCRETE
A/E	AMERICAN DISABILITIES ASSOCIATION
AL	ARCHITECT/ENGINEER
APPROX	ALUMINUM
APVD	APPROXIMATE
ATL	APPROVED
BLDG	AREA THREE LINED LANDFILL
BM	BUILDING
BOT	BENCHMARK
BW	BOTTOM
CDN	BOTTOM OF WALL
CDF	COMPOSITE DRAINAGE NET
CHK	CITIZENS DISPOSAL FACILITY
CL	CHECKED
CLR	CENTERLINE
CMP	CLASS
CO	CLEAR
CONC	CORRUGATED METAL PIPE
CONT	CLEANOUT
COR	CONCRETE
OPP	CONTINUOUS
CTR	CORNER
CTRD	CORRUGATED POLYETHYLENE PIPE
D	CENTER
DB	CENTERED
DET	DIAMETER
DEQ	DIRECT BURIED
DI	DETAIL
DIA	DEPARTMENT OF ENVIRONMENTAL QUALITY
DIAG	DUCTILE IRON
DIM	DIAMETER
DIP	DIAGONAL
DSGN	DIMENSION
DWG	DUCTILE IRON PIPE
E	DESIGN
EA	DRAWING
EF	ELECTRICAL
ELEV	EACH
ELEC	EACH FACE
EMBED	ELEVATION
EP	ELECTRICAL
EW	EMBODIMENT
EXIST	EDGE OF PAVEMENT
FCA	EACH WAY
FH	EXISTING
FM	FLANGED COUPLING ADAPTER
FMC	FIRE HYDRANT
FML	FORCE MAIN
FT	FLEXIBLE MEMBRANE COVER
G	FLEXIBLE MEMBRANE LINER
GALV	FEET
GCL	GROUND
GEN	GALVANIZED
HD	GEOSYNTHETIC CLAY LINER
HDPE	GENERAL
HORIZ	HEAD
ID	HIGH DENSITY POLYETHYLENE
IE	HORIZONTAL
IF	INSIDE DIAMETER
IN	INVERT ELEVATION
LCOSWM	INSIDE FACE
LCS	INCHES
LDS	LOUDOUN COUNTY OFFICE OF SOLID WASTE MANAGEMENT
LFG	LEACHATE COLLECTION SYSTEM
LLDPE	LEACHATE DETECTION SYSTEM
LMH	LANDFILL GAS
MAINT	LINEAR LOW-DENSITY POLYETHYLENE
MAX	LEACHATE MANHOLE
MFR	MAINTENANCE
NH	MAXIMUM
MIN	MANUFACTURER
MSW	MANHOLE
NA	MINIMUM
NAD	MUNICIPAL SOLID WASTE
NAVd	NOT APPLICABLE
# NO.	NORTH AMERICAN DATUM
NTS	NORTH AMERICAN VERTICAL DATUM
OC	NUMBER
OD	NOT TO SCALE
O.F.	ON CENTER
OPNG	OUTSIDE DIAMETER
%	OUTSIDE FACE
PL	OPENING
PC	PERCENT
PE	PROPERTY LINE
PERF	POINT OF CURVATURE
PERM	POLYETHYLENE
PI	PERFORATED
PRE-FAB	PERMEABILITY
PROP	POINT OF INTERSECTION
PRI	PREVIOUSLY FABRICATED
PS	PROPOSED
PT	PRIMARY
PVC	PUMP STATION
R	POINT OF TANGENCY
RCF	POLYVINYL CHLORIDE
REINF	RADIUS
REQD	REINFORCED CONCRETE PIPE
SAN	REINFORCEMENT
SE	REQUIRED
SEQ	SANITARY
SHT	SECONDARY
SIM	SEQUENCE
SPECD	SHEET
SPECS	SIMILAR
SQ	SPECIFIED
SST	SPECIFICATIONS
STA	SQUARE
STD	STAINLESS STEEL
STL	STATION
SWM	STANDARD
TEMP	STEEL
TW	STORMWATER MANAGEMENT
TYP	TEMPORARY
V	TOP OF PIPE
W	TOP OF WALL
W/	TYPICAL
WRU	VOLT
WS	WATTS
WT	WITH
X-ING	WOODS ROAD UNIT
.	WATERSTOP
	WEIGHT
	CROSSING
	INCHES
	FEET

<u>SYMBOL</u>	<u>LEGEND</u>
300.1 @	FINISHED GRADE SPOT ELEVATION
@ 300.1	EXISTING GRADE SPOT ELEVATION
△	POINT OF INTERSECTION
—————	PROPERTY LINE
..... 400	EXISTING CONTOUR
————— 400 —————	FINISH CONTOUR
————— X ——— X —————	CENTERLINE/CONTROL LINE
.....	EXISTING FENCE
—————	DRAINAGE CHANNEL
——— Z ———	EXST POWER LINE W/ POLE
▲	BENCHMARK
3:1	MAGNITUDE OF SLOPE
—————	LIMITS OF DISTURBANCE
—————	SLOPE BREAKLINE
● EW-II01	LFG EXTRACTION WELL
◆ ETR-IIIB05	LFG EXTRACTION TRENCH
● GC14P1	LFG MONITORING WELL
● MW19	GROUNDWATER MONITORING WELL
● L4	SITE CHARACTERIZATION WELL
● WR03	GROUNDWATER MONITORING WELL
○ LMH-8	EXISTING LEACHATE MANHOLE

1. ALL STATIONING AND DISTANCES SHOWN ON THE DRAWINGS ARE BASED ON HORIZONTAL MEASUREMENTS.
2. WHERE IT IS NECESSARY TO DEFLECT PLASTE PIPE FOR ALIGNMENT CHANGES, THE MAXIMUM ALLOWABLE DEFLECTION SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.
3. VERTICAL AND HORIZONTAL CURVES SHOWN MAY REQUIRE PIPE LENGTHS SHORTER THAN THE STANDARD LENGTH.
4. THE EXISTING ABOVEGROUND/UNDERGROUND UTILITIES SHOWN HEREIN ARE BASED UPON AVAILABLE INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF ALL RELEVANT UTILITIES BEFORE COMMENCING WORK AND FOR ANY DAMAGES TO THE UTILITIES OR TO THE COUNTY'S FACILITIES WHICH OCCUR AS A RESULT OF HIS FAILURE TO LOCATE OR PRESERVE AND PROTECT THESE UTILITIES. IF DURING CONSTRUCTION OPERATIONS THE CONTRACTOR SHOULD ENCOUNTER UTILITIES OTHER THAN THOSE SHOWN ON THE PLANS, HE SHALL IMMEDIATELY NOTIFY THE ENGINEER AND TAKE NECESSARY AND PROPER STEPS TO PROTECT THE UTILITY AND ASSURE THE CONTINUANCE OF SERVICE.
5. GENERALLY EXISTING FACILITIES ARE SHOWN SCREENED, NEW FACILITIES ARE RARELY HEAVY-LINED. SCREENING IS ALSO USED TO CLARIFY A PARTICULAR DIVISION OF WORK.
6. SOME ABBREVIATION AND LEGEND INFORMATION MAY APPEAR ON THIS SHEET AND NOT BE USED ON THIS PROJECT.
7. GENERALLY PROPOSED TOPOGRAPHIC FEATURES ARE SHOWN BOLD; EXISTING TOPOGRAPHIC FEATURES ARE SHOWN SCREENED.
8. WHERE EXISTING FEATURES SUCH AS FENCES, UTILITY POLES AND DRAINAGE CULVERTS ARE LOCATED IN AREAS TO BE DISTURBED BY NEW CONSTRUCTION, THESE FEATURES SHALL BE REMOVED AND RELOCATED AS SHOWN OR AS APPROVED BY THE OWNER.
9. TOPOGRAPHIC MAP PREPARED BY AIR SURVEY CORPORATION, DULLES, VIRGINIA USING PHOTOGRAMMETRIC METHODS FROM AERIAL PHOTOGRAPHY DATED SEPTEMBER 30, 2007.
10. NAD 1983 AND NGVD 1988
11. CONTRACTOR SHALL NOT IN ANY WAY INTERFERE WITH OR IMPACT ANY OPERATIONS OF THE ACTIVE LANDFILL, INCLUDING BUT NOT LIMITED TO THE LEACHATE MANAGEMENT AND LANDFILL GAS SYSTEMS. CONTRACTOR IS RESPONSIBLE FOR REPAIRING OR RECTIFYING ANY IMPACTED LANDFILL OPERATIONS IMMEDIATELY AS DIRECTED BY THE OWNER.
12. THE APPROVAL OF THESE PLANS SHALL IN NO WAY RELIEVE THE OWNER OF COMPLYING WITH APPLICABLE LOCAL, STATE AND FEDERAL REQUIREMENTS.
13. ELECTRONIC FILES WILL BE MADE AVAILABLE TO THE CONTRACTOR FOR CONSTRUCTION LAYOUT.
14. EXISTING WELLS ARE SHOWN BOLD FOR CLARITY.

PARCEL INFORMATION:		
TAX MAP NUMBER	GPIN	ACREAGE
76611111B1	278-39-2286	13.57
76611111B1	278-49-2136	15.89
76611111C1	278-49-1882	186.26

ALL PARCELS ARE ZONED AR-1 UNDER THE REVISED 1993 LOUDOUN COUNTY ZONING ORDINANCE.

<u>COMPANY</u>	<u>NUMBER</u>
COLUMBIA GAS OF VIRGINIA	1-800-543-8911
COLUMBIA GAS TRANSMISSION CORP.	1-800-835-7191 (24HRS); 1-800-876-4568
LOUDDON COUNTY SANITATION AUTHORITY	703-771-1092; AFTER HOURS 703-729-7878
QUINN HOSPITAL CENTER	703-358-6000
MISC UTILITY	1-800-552-7001
WASHINGTON GAS	703-750-1000; 1-800-752-7520; GAS LEAK 703-750-4831
NORTHERN VIRGINIA ELEC. CO-OP	703-335-0500; 703-631-9873
OFFICE OF SOLID WASTE MANAGEMENT	703-777-0187
POLICE	911
TRANSCO GAS PIPELINE CO.	1-410-465-0960 (24 HRS)
VERIZON	703-954-6811 OR 703-954-6707 (24 HRS)
DOMINION VIRGINIA POWER	1-888-667-3000 OR 703-359-3000

ERIC WEBER, DIRECTOR, OSWM	OFFICE: 703-777-0187 PAGER: 703-737-4171 CELL: 540-336-3361 HOME: 540-837-1252
MICHAEL FAIRBANKS, MANAGER OF LANDFILL OPERATIONS	OFFICE: 703-777-0168 CELL: 703-209-8172 HOME: 540-822-4878

JAMES WHITE, OFFICE: 703-737-8982
ASSISTANT FACILITIES CELL: 703-401-9470
FIELD SUPERVISOR HOME: 301-834-4637

DON BREIDICE,
PROJECTS ENGINEER

OFFICE: 703-737-8678
CELL: 703-401-6405
HOME: 703-771-9675

KEVIN QUESENBERRY,
ON-SITE SAFETY
REPRESENTATIVE

OFFICE: 703-737-8827
HOME: 703-777-1819

TODD JACKSON,
ON-SITE SAFETY
REPRESENTATIVE


OFFICE: 703-737-8827
HOME: 540-722-9705

SECTION LETTER DESIGNATION

DRAWING NUMBER WHERE SECTION IS SHOWN

STANDARD DETAIL AS INDICATED

1

SWS 

17706 BOWMAN GREEN DRIVE RESTON, VIRGINIA 20190
PHONE: (703) 834-0271
FAX: (703) 834-6181

REUSE OF DOCUMENTS
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WOODS ROAD DISPOSAL UNIT
PRIMARY INFRASTRUCTURE
LOUDOUN COUNTY, VIRGINIA

PLAN STATUS		
DATE	DESCRIPTION	
GA DESIGN	GA DRAWN	FA CHK
SCALE	H: N/A V:	
DATE 01/22/08		
<div style="display: flex; justify-content: space-between; align-items: center;"> SHEET 2 OF 4 </div>		